

Form PTO-1449

Attorney Docket No.

Serial No.

08/852,119

INFORMATION DISCLOSURE CITATION

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U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
MC	A	2002/0069017A1	06/06/02	Schmier, et al.	701	213	01/18/02
MC	B	2002/0098802A1	1 05/29/03	Jones	340	994	11/20/02
MC	C	2002/0099500A1	07/25/02	Schmier, et al.	701	200	02/01/02
MC	D	4,894,649	01/16/90	Davis	340	825.44	01/07/88
MC	E	5,097,429	03/17/92	Wood, et al.	364	569	04/23/90
MC	F	5,271,484	12/21/93	Bahjat, et al.	187	29.1	04/10/91
MC	G	5,428,546	06/27/95	Shah, et al.	364	449	10/16/92
MC	H	5,446,678	08/29/95	Saltzstein, et al.	364	514	12/18/92
MC	I	5,570,100	10/29/96	Grube, et al.	364	446	03/10/94
MC	J	5,680,119	10/21/97	Magliari, et al.	340	904	06/06/96
MC	K	5,513,111	04/30/96	Wortham	364	460	07/22/94

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
MC	L	EP 0219859 A2	04/29/87	Europe	G08G	1/12	X	
MC	M	EP 0805427 A1	11/05/97	Europe	G08G	1/123		X
MC	N	WO 90/01236	02/08/90	PCT	H04M	1/54	X	
MC	O	WO 93/13503	07/08/93	PCT	G08B	5/22	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

MC	P	✓	"Public Transportation Information and Management Systems", IEE Colloquium, Computing and Control Division, May 25, 1993, pp. 9/1- 9/4, 12/1-12/2, 7/1-7/3.					
MC	Q	✓	"Vehicle Location and Fleet Management Systems", IEE Colloquium, Computing and Control Division, June 8, 1993					
MC	R	✓	The 3rd International Conference on Vehicle Navigation & Information Systems (VNIS) Norway, September 2-4, 1992, pp. 312-315					

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MC	A	5,734,981	03/31/98	Kennedy, III, et al.	455	445	03/17/95
MC	B	5,774,825	06/30/98	Reynolds	364	449.7	10/18/95
MC	C	5,808,565	09/15/98	Matta, et al.	340	994	03/21/97
MC	D	6,094,149	07/25/00	Wilson	340	904	10/03/97
MC	E	6,097,317	08/01/00	Lewiner, et al.	340	994	04/30/97
MC	F	6,222,462	04/24/01	Hahn	340	904	05/13/99
MC	G	6,240,362	05/29/01	Gaspard II	701	209	10/19/00
MC	H	6,253,146	06/26/01	Hanson, et al.	701	202	12/06/99
MC	I	6,618,668	09/09/03	Laird	701	200	04/26/00
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MC	L	WO 94/02922	02/03/94	PCT	G08G	1/123		X
MC	M	WO 94/27264	11/24/94	PCT	G08G	1/123	X	
MC	N	WO 96/04634	02/15/96	PCT	G08G	5/22		X
MC	O	WO 96/16386	05/30/96	PCT	G08G	1/123	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

MC	P	Preiss, George; Jenson, Lillian; "The Satref and GPS Information Projects", 1992 IEEE - 3rd International Conference on Vehicle Navigation Information Systems, pp. 648-655.
MC	Q	"Vehicle Navigation & Information Systems Conference Proceedings" (P-253), Society of Automotive Engineers, Inc., October 1991, pp. 789-796.
MC	R	"1992 Compendium of Technical Papers", Institute of Transportation Engineers - INRAD: A Demonstration of Two-Way Roadway to Vehicle Communication for use in Traffic Operations", Annual Meeting, Washington, D.C. pp. 214-218.

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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
<i>ME</i>	L	WO 98/07128	02/19/98	PCT	G08G	1/123		X
<i>ME</i>	M	WO 98/08206	02/26/98	PCT	G08G		X	
<i>ME</i>	N	WO 98/14926	04/09/98	PCT	G08G	1/123	X	
<i>ME</i>	O	WO 98/40837	09/17/98	PCT	G06G	7/70	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

<i>ME</i>	P	"Paving the Way for GPS in Vehicle Tracking", Showcase World, December 1992.
<i>ME</i>	Q	"Advanced Vehicle Monitoring and Communication Systems for Bus Transit", Federal Transit Administration, September 1991, Revised March 1993.
<i>ME</i>	R	Koncz, et al., "GIS-Based Transit Information Bolsters Travel Options", GIS World, July 1995, pp. 62-64.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
MC	A 9	Helleker, Jan, "Real-Time Traveller Information – in everyone's pocket?! – a pilot test using hand-portable GSM terminals, IEEE – IEE Vehicle Navigation & Information systems Conference, Ottawa, VNIS 1993, pp. 49-52.					
MC	B 5	Burgener, E.C., et al., "A Personal Transit Arrival Time Receiver", IEEE – IEE Vehicle Navigation & Information Systems Conference, Ottawa, VNIS 1993, pp. 54-55.					
MC	C 5	Peng, Zhong-Ren, "A Methodology for Design for a GIS-Based Automatic Transit Traveler Information System", Computer, Environment and Urban Systems, Vol. 21, No. 5, pp. 359-372, 1997.					
MC	D 5	Lessard, Robert, "The Use of Computer for Urban Transit Operations", IEEE – IEE Vehicle Navigation & Information systems Conference, Ottawa, VNIS 1993, pp. 586-590.					
MC	E 5	Sommerville, Fraser, et al., "Reliable Information in Everyone's Pocket – a Pilot Test", IEEE, Vol. 1927, March 1994, pp. 425-428.					
MC	F 5	"PROMISE – Personal Mobile Traveller and Traffic Information Service – Specification of Promise Services, Ver. 7", Telematics Application Programme A2, Transport, July 1, 1996.					
MC	G 5	"PROMISE – Personal Mobile Traveller and Traffic Information Service – Generic Promise System Architecture, Ver. 2", Telematics Application Programme A2, Transport, September 10, 1996.					
MC	H 11	"PROMISE – Personal Mobile Traveller and Traffic Information Service – Summary of Promise Public Relation Activities, Ver. 1", Telematics Application Programme A2, Transport, February 12, 1999.					
MC	I 18	"PROMISE" – A Personal Mobile Traveller and Traffic Information Service – Abstract", The Institution of Electrical Engineers, 1997.					
MC	J 19	Sommerville, Fraser, et al., "The Promise of Increased Patronage", The Institution of Electrical Engineers, 1993, pp. 3/1-3/4.					
MC	K 20	"Automatic Transit Location System", Washington State Department of Transportation, Final Report, February 1996.					
MC	L 21	"Advanced Traveler Aid Systems for Public Transportation", Federal Transit Administration, September 1994.					
MC	M 22	"Advanced Vehicle Monitoring and Communication Systems for Bus Transit: Benefits and Economic Feasibility", U.S. Department of Transportation, Urban Mass Transportation Administration, September 1991.					
MC	N 23	Leong, Robert, et al., "An Unconventional Approach to Automatic Vehicle Location and Control for Urban Transit", IEEE 1989, pp. 219-223.					
MC	O 24	"1994 Vehicle Navigation & Information Systems Conference Proceedings", Yokahama, Japan, August 31 – September 2, 1994, pp. 807-810.					
MC	P 25	"Vehicle Navigation & Information Systems Conference Proceedings – P-253, Part 2", Society of Automotive Engineers, Inc., October 1991.					
MC	Q 26	"Vehicle Navigation & Information Systems – Conference Record of Papers presented at the 3 rd Vehicle Navigation & Information Systems Conference 1992., Reso Hotel, Osio Plaza., pp. 49-52.					
MC	R 27	Nelson, J. Richard, "Experiences Gained in Implementing an Economical Universal Motorist System", ", IEEE – IEE Vehicle Navigation & Information Systems Conference, Ottawa, VNIS 1993, pp. 67-71.					

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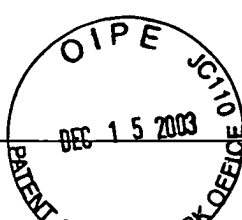
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
MC	A ✓	26		"The Cassiope/Eurobus Approach", IEEE – IEE Vehicle Navigation & Information Systems Conference, Ottawa, VNIS 1993, pp. 79-81.			
MC	B ✓	27		Kihl, Mary, "Advanced Vehicle Location System for Paratransit in Iowa", IEEE – IEE Vehicle Navigation & Information Systems Conference, Ottawa, VNIS 1993, pp. 381-384.			
MC	C ✓	30		Gault, Helen, et al., "Automatic Vehicle Location and Control at OC Transpo", ", IEEE – IEE Vehicle Navigation & Information Systems Conference, Ottawa, VNIS 1993, pp. 596-600.			
MC	D ✓	31		Vehicle navigation & Information System – Conference Record of Papers presented at the First Vehicle Navigation and Information Systems Conference (VNIS '89), Sept. 11-13, 1999, pp. 602-605.			
MC	E ✓	32		Heti, Gabriel, "Travelguide: Ontario's Route Guidance System Demonstration", ", IEEE – IEE Vehicle Navigation & Information Systems Conference, Ottawa, VNIS 1993, pp. A13-A18.			
MC	F ✓	33		Jeffery, D.J., et al., "Advanced Traveller Information Systems in the UK: Experience from the Pleiades and Romanse Projects", ", IEEE – IEE Vehicle Navigation & Information Systems Conference, Ottawa, VNIS 1993, pp. 309-313			
MC	G ✓	34		Sweeney, Lawrence, E., et al., "Travinfo: A Progress Report", 1994 Vehicle Navigation & Information Systems Conference Proceedings", Yokahama, Japan, August 31 – September 2, 1994, pp. 315-320.			
MC	H ✓	35		Shimamura, Yta, et al., "Combined Position Detection System for Pedestrian/Train Mode", 1994 Vehicle Navigation & Information Systems Conference Proceedings", Yokahama, Japan, August 31 – September 2, 1994, pp. 603-606.			
MC	I ✓	36		Zavoli, Walt, "Customer Location Services", 1994 Vehicle Navigation & Information Systems Conference Proceedings", Yokahama, Japan, August 31 – September 2, 1994, pp. 613-617.			
MC	J ✓	37		Tanaka, Yoshimi, et al., "Automatic Traffic Information Provision System Utilizing Facsimile and Telephone (Now Operating in Osaka), 1994 Vehicle Navigation & Information Systems Conference Proceedings", Yokahama, Japan, August 31 – September 2, 1994, pp.627-632.			
MC	K ✓	38		McDonald, Mike, et al., "Romanse (Road Management System for Europe) Project", 1994 Vehicle Navigation & Information Systems Conference Proceedings", Yokahama, Japan, August 31 – September 2, 1994, pp. A-11 – A-14.			
MC	L ✓	39		Scott III, Robert H., "Computer-Aided Dispatch", 1998, pp. 46-50.			
MC	M ✓	40		Moore, Rodney J., "Hold the Phone!", American Demographics, Ithaca, Jan/Feb 1996, p. 68.			
MC	N ✓	41		Delong, Jr., Edgar S., "Making 911 even better", Telephony, December 14, 1987, pp. 60-63.			
MC	O ✓	42		Bruzek, Frank J., "Class Calling Service – A Consumer Service Perspective", Globecom '85 IEEE Global Telecommunications Conference, Dec. 2-5, 1985, Vol. 1 of 3, pp. 11.4.1 – 11.4.4.			

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MC	A ✓ 43	Powell, R., et al., "Real Time Passenger Information System for the Romanse Project", Colloouin Digest – IEE, Boston, September 1993, pp. 9/1 – 9/3.					
MC	B ✓ 44	Huber, Paul, "Public Transport Information Systems in Munich", Intelligent Transport Systems World Congress '95 – Second Wold Congress on Intelligent Transport Systems, Yokohama, Japan., November 9-11. 1995, pp. 2362-2366.					
MC	C ✓ 45	Ronez, Nicholas, et al, "GIS-Based Transit Information Bolsters Travel Options", GIS World, Vol. 6, part 7, June 1995, pp. 62-64.					
MC	D ✓ 46	Catling, Ian, et al., "TABASCO – Improving Transport Systems in Europe", Pacific Rim TransTech Conference, July 30-August 2, 1995, 995 Vehicle Navigation & Information Systems Conference Proceedings, Washington State Convention and Trade Center, Seattle, Washington, USA, pp. 503-507.					
MC	E ✓ 47	Dailey, D.J., "Demonstration of an Advance Public Transportation System in the Context of an IVHS Regional Architecture", Proceedings of the First World Congress on Applications of Transport Telematics and Intelligent Vehicle-Highway Systems, November 30 – Dec. 3, 1994, Paris, France, pp. 3024-3031.					
MC	F ✓ 48	Hubner, Paul, "Advance Public Transportation Information in Munich", International Conference on Public Transport Electronic Systems, Conference Publication No. 42, June 1996.					
MC	G ✓ 49	Thompson, S.M., et al., "Exploiting Telecommunications to Delivery Real Time Transport Information", Road Transport Information and Control, 21-23 April, 1998, pp. 59-63, Conference Publication No. 454 IEE 1998.					
MC	H ✓ 50	Kaminitzer, David, et al., "Driver Information Systems: Influencing your Route, IEE Seminar, March 3, 1999, pp. 5/1 – 5/5.					
MC	I ✓ 51	"Board Cites ATC in Spokane Near Miss", Article in Aviation Week & Space Technology, March 28, 1977, URL: http://www.aviationnow.com .					
MC	J ✓ 52	Shifrin, Carole A., "Gate Assignment Expert System Reduces Delays at United's Hubs", Article in Aviation Week & Space Technology, January 25, 1988.					
MC	K ✓ 53	"United Airlines applies TI's advance technologies to improve gate management at major airports", Article in Business Wire, Inc., November 19, 1987.					
MC	L ✓ 54	Musich, Paula, "Airline Designs Software to move planes, people; Unite Airline's use of Covia Corp.'s Open Systems Manager, Connectivity Section", Article in PC Week, June 7, 1988, vol. 5, No. 23, pg. C11					
MC	M ✓ 55	Stoll, Marilyn, "Systems help Airlines Manage Gate Schedules; Connectivity Supplement", PC Week, July 25, 1988, Vol. 5, No. 30, pg. C4..					
MC	N ✓ 56	Reddy, Shyamala, "Traveling LAN: United Airlines Networks Its Terminals", Article in The Local Area Network Magazine, January 1990, Vol. 5, No. 1, pg. 108.					
MC	O ✓ 57	Fisher, Sharon, "Networked Airport Systems help Travelers find their way; United Airlines subsidiary Covia Corp. devices integrated network.", Article in Software Magazine, March 15, 1990, Vol. 10, NO. 4, Pg. 31..					

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W	A ✓	58		Henderson, Danna K., "Automation Takes aim at airports: the power of the networked PC is being unleashed on passenger handling and ramp activities worldwide.", Article in Air Transport World, August 1990., Vol. 27, No. 8, pg. 52.			
W	B ✓	59		"United Airlines introduces United Cargo Plug I, a new cargo computer system to serve freight forwarders", Business Wire, October 22, 1990.			
W	C ✓	60		Miller, Barry, "Special Report: Airline Equipment, Service Center", Aviation Week & Space Technology, August 25, 1975, pg. 51.			
W	D ✓	61		Lyon, Mark W., "Cargo Net Debate Splits Industry", Journal of Commerce, Specials, Pg. 4, July 27, 1992.			
W	E ✓	62		Davies, I.L., et al., "Electronics and the Aeroplane", Proceedings of the Institution of Electrical Engineers, Paper No. 7604, delivered before the IEE Electronics Division, 29 th October 1975.			
W	F ✓	63		"Global Niche", Flight International, September 26, 1990.			
W	G ✓	64		"Real-Time Briefings", Aviation Week and Space Technology, October 13, 1986.			
W	H ✓	65		Flanagan, Mike, et al., "Amelia Earhart - Mystery Still Clouds Soaring Achievements", Chicago Tribune, July 5, 1987, Final Edition, Pg. 5, Tempo Woman.			
W	I ✓	66		"Official Airline Guides", Airports®, November 20, 1990, Around Airports, Vol. 7, No. 47, pg. 485.			
W	J ✓	67		"Automation System Gains Acceptance", Aviation Week & Space Technology, November 23, 1992, Vol. 137, No. 21, pg. 97.			
W	K ✓	68		Klass, Philip, "French Testing 'Ground-Derived' MLS", Aviation & Space Technology, Avionics, Pg. 56, December 15, 1975.			
W	L ✓	69		"Forecast Realized for ATC System", Aviation & Space Technology, March 17, 1975, Avionics, Pg. 168.			
W	M ✓	70		Henderson, Danna, et al., "Ionworks: America West Automates New Phoenix Terminal Fully Integrated System to Handle Customer-Service Demands (America West Airlines Inc) (Includes Related Article Automation of passenger Service at Airports)", Airport Transport World, May 1, 1991. Vol. 62.			
W	N ✓	71		3 Pages from a web site search under http://mit.edu/afs/net.mit.edu/project/attic/usa-today/tech/37 , June 12, 2003			
W	O ✓	72		"What's New in passenger Handling Equipment", Air Transport World, Vol. 24, Pg. 62, September 1987.			
W	P ✓	73		"Senator Urges Acceleration of Navstar", Aviation & Space Technology, Avionics, pg. 153, October 3, 1983.			
W	Q ✓	74		"AFSC Broadens Joint Program Efforts", Aviation & Space Technology, System Acquisition, pg. 83, July 19, 1976.			
W	R ✓	75		"Herskovitz, Don, "GPS Insurance Antijamming the System; Brief Article", Journal of Electronic Defense, December 1, 2000, No. 12, Vol. 23, Pg. 41.			

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dlf	A ✓	Hambly, Richard M., et al., "Aircraft Traffic Management on the Airport Surface Using VHF Data Link for CNS", IEEE AES Systems Magazine, march 1995, pp. 9-13.	76				
dlf	B ✓	Berzins, G., et al., "INMARSAT: Worldwide Mobile Satellite Services on Seas, in Air and on Land", Space Technology, Vol. 10, No. 4, pp. 231-237, 1990.	77				
dlf	C ✓	Jenney, L.L., et al., "Man as Manager of Automated Resources in an Advanced Air Traffic System", J. Aircraft, Vol. 12, No. 12, December 1975.	78				
dlf	D ✓	"Routing & Scheduling System improvements from RTSI; Routing Technology Software, Inc.; Product Announcement", Modern Brewery Age, Vol. 43, No. 3, Pg. 11S, January 20, 1992.	79				
dlf	E ✓	Yanacek, Frank, "Hitching to the stars; satellites for shipment tracking", Research Information Transportation Journals, Combined, No. 6, Vol. 29, p. 16.	80				
dlf	F ✓	Stoll, Marilyn, "For on-the-road firms, hand-held terminals are pivotal. Connectivity", Research Information Transportation Journals, Combined, No. 34, Vol. 5, p. C11.	81				
dlf	G ✓	"IBM and Hunt to Market New Truck Tracker; International Business Machines", J.B. Hunt Transport Services; Brief Article, No. 210, Vol. 101, P. 4	82				
dlf	H ✓	Klass, Philip J., "Two Carriers Plan Automatic Data Link", Aviation Week and Space Technology, Air Transport Section, May 23, 1977, p. 36.	83				
dlf	I ✓	"Data Link Evolved Over Three Decades", Aviation Week and Space Technology, Air Transport Section, May 23, 1977, p. 36.	84				
dlf	J ✓	Klass, Philip J., "American to Install Printers in Cockpits", Aviation Week and Space Technology, Avionics, July 21, 1980, p. 56.	85				
dlf	K ✓	Lefer, Henry, "Computers on a boon to E&M, but at a price", Air Transport World, Vol. 23, Pg. 53, February, 1986.	86				
dlf	L ✓	Donaghue, J.A., "Choice of Data Link Systems Expands as New Generation Hits the Market", Air Transport World, Vol. 20, p. 58, April 1983.	87				
dlf	M ✓	Klass, Philip J., "Digital Network Could Improve Aircraft Links to Operations, ATC", Aviation Week and Space Technology, International Air Transport Section, Vol. 131, No. 21, P. 121, November 20, 1989.	88				
dlf	N ✓	Board Cites ATC in Spokane Near Miss", Article in Aviation Week & Space Technology, Safety Section, March 28, 1977, p. 59	89				
dlf	O ✓	"Vicorp Interactive Systems", Aviation Daily, Aviation Suppliers Section, Vol. 309, No. 17, pg. 147.	90				
dlf	P		91				

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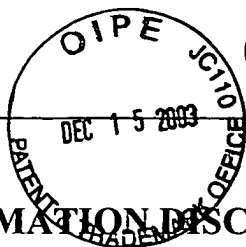
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<i>MS</i>	A ✓ 41	Neumann, Dr. Horst, "ATC Concepts with Extensive Utilization of Automatic Data Processing", pp. 4-1 to 4-9; NO PUBLICATION INFORMATION OR DATE INFORMATION PROVIDED.					
<i>MS</i>	B ✓ 72	Maxwell, Robert L., "Automation Possibilities in Air Traffic Control", pp. 561-563, NO PUBLICATION INFORMATION OR DATE INFORMATION AVAILABLE.					
<i>MS</i>	C ✓ 43	"History of GPS", 3 pages, NO PUBLICATION INFORMATION OR DATE INFORMATION AVAILABLE.					
<i>MS</i>	D ✓ 14	"Road Transport Research – Intelligent Vehicle High Systems – Review of Field Trials", prepared by An OECD Scientific Expert Group, pp. 1-101, Organisation for Economic Co-Operation and Development - NO DATE INFORMATION AVAILABLE.					
<i>MS</i>	E ✓ 15	Ratcliff, Robert, et al., "Transportation Resources Information Processing System (TRIPS), pp. 109-113, NO PUBLICATION INFORMATION OR DATE INFORMATION AVAILABLE.					
<i>MS</i>	F ✓ 46	Balke, Kevin, et al., "Collection and Dissemination of Real-Time Travel Time and Incident Information with In-Vehicle Communication Technologies, pp. 77-82, NO PUBLICATION INFORMATION OR DATE INFORMATION AVAILABLE.					
<i>MS</i>	G ✓ 14	Moriok, et al., "Advanced Vehicle Monitoring and communication Systems for Bus Transit – Benefits and Economic Feasibility", Final Report - U.S. Department of Transportation, September 1991, Revised March 1993, Dot-T-94-03					
<i>MS</i>	H ✓ 78	Brynielsson, Thore, "Step by Step Development Towards Attractive Public Transport, Chalmers University of Technology, Goteborg, Sweden, Department of Transportation, 1976.					
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	J						
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<i>ML</i>	A	09/558,508	04/26/03	Jones			
<i>ML</i>	B	08/762,052	12/09/96	Jones			
<i>ML</i>	C	09/516,288	03/01/00	Jones			
<i>ML</i>	D	09/163,588	09/30/98	Jones			
<i>ML</i>	E	10/435,767	05/12/03	Jones			
<i>ML</i>	F	10/436,346	05/12/03	Jones			
<i>ML</i>	G	10/322,956	12/18/02	Jones			
<i>ML</i>	H	10/392,264	03/18/03	Jones			
<i>ML</i>	I	10/326,556	12/20/02	Jones			
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Serial No.

081852,119

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Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>W</i>	A	10/435,765	05/12/03	Jones			
<i>W</i>	B	10/436,120	05/12/03	Jones			
<i>W</i>	C	10/436,119	05/12/03	Jones			
<i>W</i>	D	10/435,770	05/12/03	Jones			
<i>W</i>	E	10/436,196	05/12/03	Jones			
<i>W</i>	F	10/435,770	05/12/03	Jones			
<i>W</i>	G	10/656,522	09/05/03	Jones			
<i>W</i>	H	10/686,925	10/16/03	Jones			
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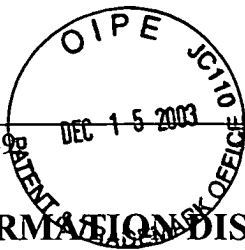
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M. C. Smith

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U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>W</i>	A	2002/0082770 A1	06/27/02	Jones			
<i>W</i>	B	2002/0070882 A1	06/13/02	Jones			
<i>W</i>	C	2002/0016171 A1	02/07/02	Doganata, et al.	455	456	
<i>W</i>	D	5,594,787	01/14/97	Ohshima, et al.	379	114	07/19/95
<i>W</i>	E	RE35,920	10/13/98	Sorden, et al.	342	457	
<i>W</i>	F	3,568,161	03/1971	Knickel	340	994	
<i>W</i>	G	3,845,289	10/29/74	French	235	151.2	
<i>W</i>	H	3,886,515	05/1975	Cottin, et al.	340	994	
<i>W</i>	I	3,934,125	01/20/76	Macano	235	150.2	
<i>W</i>	J	4,220,946	09/02/80	Henriot	340	23	04/20/78
<i>W</i>	K	4,350,969	09/21/82	Greer	340	23	

FOREIGN PATENT DOCUMENTS

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L	1	JP 11034872 A	02/09/99	Japan	B61L25	02		x
M	1	63288400	11/88	Japan	G08G1	12	x	
<i>W</i>	N	WO 93/13510 A1	07/08/93	Great Britain	G08G1	123	x	
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Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A	4,525,601	06/25/85	Barnich, et. Al.	379	7MM	12/13/83
	B	4,585,904	04/29/86	Mincone, et al.	179	7.1 TP	01/06/84
	C	4,804,837	02/14/89	Farley	250	251	01/11/88
	D	4,813,065	03/14/89	Segala	379	112	10/13/87
	E	4,857,925	08/15/89	Brubaker	340	994	01/11/88
	F	5,003,584	03/26/91	Benyacar, et al.	379	119	04/16/90
	G	5,006,847	04/09/91	Rush, et al.	340	994	05/04/88
	H	5,014,206	05/07/91	Scribner, et al.	364	449	08/22/88
	I	5,048,079	09/10/91	Harrington, et al.	379	112	08/10/90
	J	5,068,656	11/26/91 12/21/90	Sutherland	340	989	12/21/90
	K	5,103,475	04/07/92	Shuen	379	115	10/29/90

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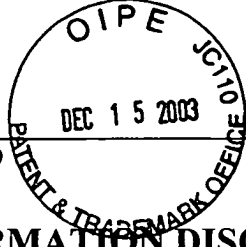
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	A	5,122,959	06/16/92	Nathanson, et al.	364	436	
	B	5,144,301	09/01/92	Jackson, et al.	340	994	
	C	5,146,491	09/08/92	Silver, et al.	379	114	08/08/91
	D	5,155,689	10/13/92	Wortham	364	460	
	E	5,168,451	12/01/92	Bolger	364	436	
	F	5,179,584	01/12/93	Tsumura	379	114	11/01/91
	G	5,218,632	06/08/93	Cool	379	126	10/16/91
	H	5,223,844	06/29/93	Mansell, et al.	342	357	
	I	5,243,529	09/07/93	Kashiwazaki	364	449	06/29/92
	J	5,263,260	04/22/97	Jones	340	994	
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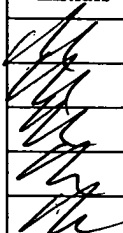
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	A	4,812,843	03/14/89	Champion, III, et al.	340	905	08/11/87
	B	5,483,454	01/09/96	Lewiner, et al.	364	443	04/29/94
	C	5,955,974	09/21/99	Togawa	340	994	03/13/98
	D	6,006,159	12/21/99	Schmier, et al.	701	200	08/13/96
	E	6,124,810	09/26/00	Segal, et al.	340	994	09/15/98
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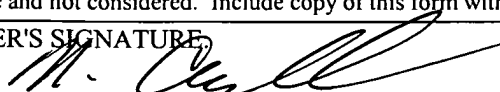
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U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>[Signature]</i>	A	6,137,425	10/24/00	Oster, et al.	340	994	11/24/98
<i>[Signature]</i>	B	6,184,802	02/06/01	Lamb	340	994	10/13/99
<i>[Signature]</i>	C	6,191,708	02/20/01	Davidson	240	994	03/24/00
<i>[Signature]</i>	D	6,253,148	06/26/01	Decaux, et al.	701	204	07/01/98
<i>[Signature]</i>	E	6,360,101	03/19/02	Irvin	455	456	12/31/98
<i>[Signature]</i>	F	6,374,176	04/16/02	Schmier, et al.	701	200	09/27/99
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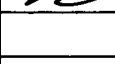
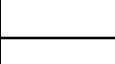
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	A	5,381,338	01/10/95	Wysocki, et al.	364	449	
	B	5,381,467	01/10/95	Rosinski, et al.	379	121	10/30/92
	C	5,394,332	02/28/95	Kuwahara, et al.	364	449	
	D	5,398,190	03/14/95	Wortham	364	460	
	E	5,420,794	05/30/95	James	364	436	
	F	5,432,841	07/11/95	Rimer	379	59	
	G	5,440,489	08/08/95	Newman	364	426.05	01/21/93
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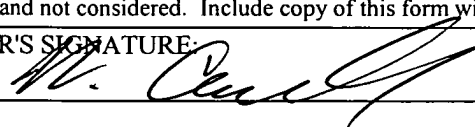
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U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>M</i>	A	5,483,234	01/09/96	Correel, et al.	340	994	06/02/94
<i>g.</i>	B	5,483,454	01/19/96	Lewiner, et al.	364	443	
<i>th</i>	C	5,493,694	02/20/96	Vlcek, et al.	455	53.1	
<i>th</i>	D	5,506,893	04/09/96	Buscher, et al.	379	114	11/29/94
<i>th</i>	E	5,515,421	05/07/96	Sikand, et al.	379	67	07/26/94
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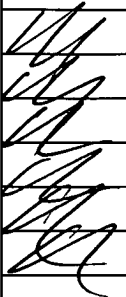
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	A	5,552,795	09/03/96	Tayloe, et al.	342	357	05/03/94
	B	5,559,871	09/24/96	Smith	379	115	09/23/94
	C	5,577,101	11/19/96	Bohm	379	58	04/10/96
	D	5,587,715	12/24/96	Lewis	342	357	
	E	5,594,650	01/14/97	Shah, et al.	364	449.1	
	F	5,602,739	02/11/97	Haagenstad, et al.	364	436	11/22/95
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<i>ch</i>	B	5,694,459	12/02/97	Backaus, et al.	379	427	01/16/97
<i>ch</i>	C	5,712,908	01/27/98	Brinkman, et al.	379	119	05/17/96
<i>ch</i>	D	5,715,307	03/03/98	Zazzera	379	265	04/18/96
<i>ch</i>	E	5,719,771	02/17/98	Buck, et al.	364	443	
<i>ch</i>	F	5,724,243	03/03/99	Westerlage, et al.	364	446	02/10/95
<i>ch</i>	G	5,724,584	03/03/98	Peters, et al.	395	671	08/15/96
<i>ch</i>	H	5,729,597	03/17/98	Bhusri	379	115	05/16/95
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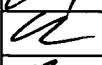
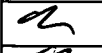

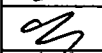


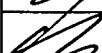

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	A	5,732,074	03/24/98	Spaur, et al.	370	313	
	B	5,739,774	04/14/98	Olandesi	340	994	07/12/96
	C	5,742,672	04/21/98	Burk	379	198	07/18/95
	D	5,751,245	05/12/98	Janky, et al.	342	357	
	E	5,760,742	06/02/98	Branch, et al.	342	457	08/20/97
	F	5,771,282	06/23/98	Friedes	379	121	12/04/96
	G	5,781,156	07/14/98	Krasner	342	357	04/23/97
	H	5,784,443	07/21/98	Chapman, et al.	379	119	02/01/96
	I	5,793,853	08/11/98	Sbisa	379	120	06/22/95
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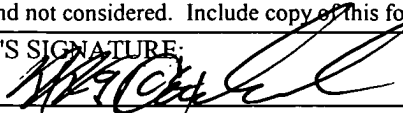
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<i>MA</i>	A	5,796,365	08/18/98	Lewis	342	357	
<i>MA</i>	B	5,799,073	08/25/98	Fleischer, III, et.al.	379	113	06/07/95
<i>MA</i>	C	5,799,263	08/25/98	Culbertson	701	117	
<i>MA</i>	D	5,805,680	09/08/98	Penzias	379	118	01/02/96
<i>MA</i>	E	5,808,565	09/15/98	Matta, et al.	340	994	
<i>MA</i>	F	5,835,580	11/10/98	Frazer	379	115	04/04/96
<i>MA</i>	G	5,841,847	11/24/98	Graham, et al.	379	114	04/11/97
<i>MA</i>	H	5,864,610	01/26/99	Ronen	379	127	01/26/98
<i>MA</i>	I	5,875,238	02/23/99	Glitho, et al.	379	116	12/21/95
<i>MA</i>	J	5,881,138	03/09/99	Kearns, et al.	379	114	04/25/97
<i>MA</i>	K	5,910,979	06/08/99	Goel, et al.	379	120	10/20/97

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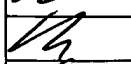





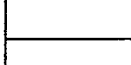

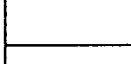
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Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A	5,912,954	06/15/99	Whited, et al.	379	115	12/31/97
	B	5,915,006	06/22/99	Jagadish, et al.	379	127	05/01/97
	C	5,920,613	07/06/99	Alcott, et al.	379	114	04/25/97
	D	5,922,040	07/13/99	Prabhakaran	701	117	
	E	5,937,044	08/10/99	Kim	379	121	09/30/96
	F	5,943,320	08/24/99	Weik, et al.	370	259	12/12/96
	G	5,943,406	08/24/99	Leta, et al.	379	120	09/30/97
	H	5,943,657	08/24/99	Freestone, et al.	705	400	09/30/96
	I	5,945,919	08/31/99	Trask	340	825.491	
	J	5,946,379	08/31/99	Bhusri	379	115	07/31/98
	K	5,950,174	09/07/99	Brendzel	705	34	09/07/99

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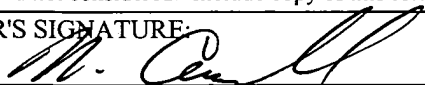
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Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>Pre-prior art</i>	A	5,952,659	12/22/98	Welter, Jr.	379	116	12/29/95
<i>Pre-prior art</i>	B	5,955,974	09/21/99	Togawa	340	994	
<i>Pre-prior art</i>	C	5,956,391	09/21/99	Melen, et al.	379	114	02/10/97
<i>Pre-prior art</i>	D	5,982,864	11/09/99	Jagadish, et al.	379	115	05/01/97
<i>Pre-prior art</i>	E	5,987,108	11/16/99	Jagadish, et al.	379	114	03/19/97
<i>Pre-prior art</i>	F	5,987,377	11/16/99	Westerlage, et al.	701	204	03/02/98
<i>Pre-prior art</i>	G	5,991,377	11/23/99	Malik	379	114	08/11/97
<i>Pre-prior art</i>	H	5,991,380	11/23/99	Bruno, et al.	379	115	10/21/97
<i>Pre-prior art</i>	I	5,991,381	11/23/99	Bouanaka, et al.	379	115	10/30/97
<i>Pre-prior art</i>	J	5,995,602	11/30/99	Johnson, et al.	379	116	03/24/99
<i>Pre-prior art</i>	K	6,006,159	12/21/99	Schmier, et al.	701	200	

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<i>M</i>	A	6,111,538	08/2000	Schuchman, et al.	342	357	
<i>ds</i>	B	6,124,810	09/26/00	Segal, et al.	340	994	
<i>u</i>	C	6,134,501	10/17/00	Oumi	701	209	08/31/98
<i>ds</i>	D	6,137,425	10/24/00	Oster, et al.	340	994	11/24/98
<i>ds</i>	E	6,144,301	11/07/00	Frieden	340	572.8	02/10/97
<i>ds</i>	F	6,178,378	01/23/01	Leibold	701	202	04/30/99
<i>ds</i>	G	6,184,802	02/06/01	Lamb	340	994	
<i>ds</i>	H	6,191,708	02/20/01	Davidson	340	994	
<i>ds</i>	I	6,253,148	06/26/01	Decaux, et al.	701	204	
<i>ds</i>	J	6,278,936	08/21/01	Jones	701	201	
<i>ds</i>	K	6,313,760	11/06/01	Jones	340	994	

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<i>ML</i>	A	6,317,060	11/13/01	Jones	340	994	
<i>ML</i>	B	6,360,101	3/19/02 09/19/02	Irvin	445	456	
<i>ML</i>	C	6,363,254	03/26/02	Jones, et al.	455	456	
<i>ML</i>	D	6,363,323	03/26/02	Jones	701	213	
<i>ML</i>	E	6,374,176	04/16/02	Schmier, et al.	701	200	
<i>ML</i>	F	6,400,956	06/04/02	Richton	455	456	
<i>ML</i>	G	6,411,891	06/25/02	Jones	701	201	
<i>ML</i>	H	6,415,207	07/02/02	Jones	701	1	
<i>ML</i>	I	6,486,801	11/26/02	Jones	340	994	
<i>ML</i>	J	6,492,912	12/10/02	Jones	—	—	
<i>ML</i>	K	6,510,383	01/21/03	Jones	—	—	

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